

LOFAR v1.0 Development Status

System Development
Harm Munk

Sprint planning



30 januari

20 april

| Wk 5 | Wk 6 | Wk 7 | Wk 8 | Wk 9 | Wk 10 | Wk 11 | Wk 12 | Wk 13 | Wk 14 | Wk 15 | Wk 16 |
|-------------|------|------|---|------|-------|-------|-------|-------|-------|-------|-------|
| Sprint 0.92 | | | Sprint 0.93, Test Sprint 1, Test Sprint 2 | | | | | | | | |

- Sprint duration: 3 or 4 weeks
- Test Sprints
 - Test and characterise LOFAR
 - No functionality added to LOFAR v1.0
 - Simultaneous development for LOFAR v1.1

Failed HBA Detection

Done:

- HBA element test script ready
 - Started by operators (not automatically)
- Database query
- Station software adapted
 - antennae i.s.o. RCUs

In development:

- Station status/alarm software (3d)

To be done:

- Station database (PVSS) version update required on all stations (4d)
- Failed tiles to measurement set (1d)

Automatic Pipeline Startup

Aspects:

- Scheduling
- Measurement Set contents
- Automatic startup mechanism (MAC)

MSSS pipeline:

- Calibrator Pipeline: directly after observation
 - Done, pending final test
- Target Pipeline: directly after observation
 - Under development, to be tested (1-2w)
- Imaging Pipeline: "off-line"
 - To be done (1m)